

Chip Monolithic Ceramic Capacitor

Electrical Characteristics Data

0201 X5R 1uF 6.3V (0201X105K6R3CT)

1. Dimension



Size Inch (mm)	L (mm)	W (mm)	T (mm)
0201 (0603)	0.6±0.09	0.3±0.09	0.3±0.09

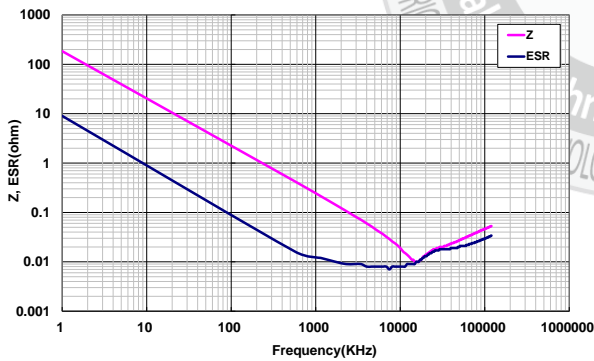
2. Cap, DF, IR @25°C

(Cap, DF @1KHz, 1Vrms ; IR @6.3V, 120sec)

Item	Spec
Cap [uF]	1 (±10%)
DF	≤ 15%
IR [G-ohm]	≥ 0.05

3. Impedance/ESR-Frequency

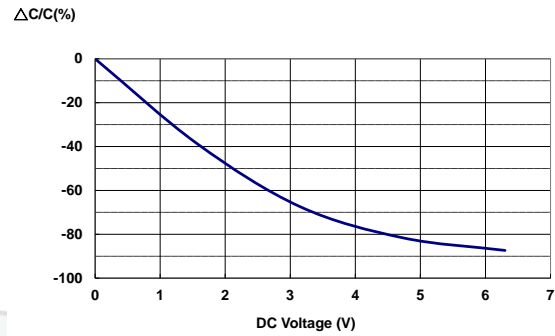
(Equipment: 4990A)



5. Capacitance – DC Voltage Characteristics

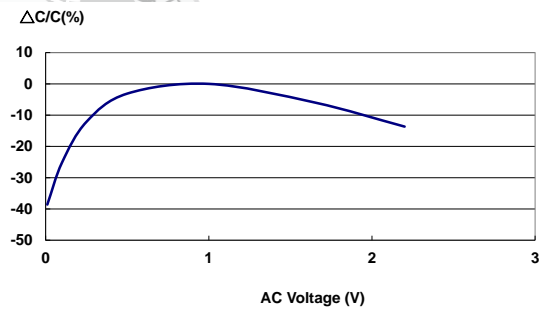
(Equipment: 4980A; DC charge 60±5sec)

3.15V : -67.40% ; 6.3V : -87.34%



6. Capacitance – AC Voltage Characteristics

(Equipment: 4980A)



4. Capacitance – Temperature Characteristics

(Equipment: 4284A)

